

## ABSTRACT OF THE DISCLOSURE

To provide an electronic circuit that can achieve adequate display quality by a small amount of electrical power, an electro-optical device, a method for driving the electro-optical device, and an electronic apparatus. A drive current corresponding to a digital-data voltage VDGDATAm or an analog-data voltage VANDATAm transmitted via a data line Xm is transmitted to an organic EL element 21 of a pixel circuit 20 provided corresponding to the intersection of a scan line Yn and the data line Xm. The digital-data voltage VDGDATAm is transmitted to the pixel circuit 20 so as to control gray scale by digital-gray-scale modulation for decreasing power consumption. Further, the analog-data voltage VANDATAm is transmitted to the pixel circuit 20 so as to control the gray scale by analog-gray-scale modulation for increasing the display quality.